Index

A

Absorption, distribution, excretion and use of new long-acting sulfonamide (sulfadimethoxine) in children and in adults, 92
Acidosis, respiratory, treatment of, with THAM, 341
  and hyperventilation, use of THAM to prevent, while breathing carbon dioxide, 728
ACTH stimulation, urinary sodium retention after: screening test for adrenal cortical insufficiency, 175
Adrenal cortical insufficiency, screening test for: urinary sodium retention after ACTH stimulation, 175
  insufficiency, steroid-induced, aggravated by severe medical illness, 261
Aged, malignant disease in, 554
Alcoholic subjects, acute effect of ethanol ingestion on plasma and urinary 17-hydroxycorticoids in, 690
Aldosterone excretion, increased, during chronic sodium deprivation in 2 male subjects, 338
Aldosteronism, primary, 324
Alexander, J. S., *see* Ibarra, J. D., Jr., *et al.*, 140
Allergic and pulmonary manifestations of cystic fibrosis of pancreas, 430
Anabolism, dependence of, on level of intake: growth hormone, 27
Anemia, sickle cell, renal manifestations of, 773
Angina pectoris, are the xanthines effective in, 187
  evaluation of nitrites in, 478
  treatment of, with new prolonged action pentaerythritol tetranitrate, 194
Animals, bacterial infections of, transmissible to man, 347
Anorexic compound, methamphetamine-phenobarbital, in obese outpatients, 533
Antibiotics *in vitro*, susceptibility of *Hemophilus influenzae* to, 33
  and sulfadiazine, susceptibility of gonococci to, 41
Antiemetic, specific, controlled study of trimethobenzamide (Tigan), 682
Antihistaminics, comparison of three new, with parabromdylamine maleate, 439
Antihypertensive action of chlorothiazide, 601
  drug, new: Darenthin, 609
Antrum, gastric, 231
Aortic strip pressor assay, potentiation and stabilization of, by plasma and hydrocortisone: routine use in diagnosis of pheochromocytoma, 167
Apical myocardial infarction in necropsied patients, spatial vectorcardiogram and ventricular gradient in, 462
Apocrine sweat gland, physiology of, 780
Arias, L., *see* Barrera, F., *et al.*, 487
Arterial pulse recording in peripheral vascular disease, 469
Arthritis, rheumatoid, and gout, vibratory sense and oscillometric index in, 295
Assay, aortic strip pressor, potentiation and stabilization of, by plasma and hydrocortisone: routine use in diagnosis of pheochromocytoma, 167
  single determination, of thromboplastin generation as test of liver function, 706
Atrial fibrillation, chronic, quinidine in, 181

B

Babbott, F. L., Jr., *see* Ingalls, T. H., *et al.*, 363
Bacilluria, asymptomatic, in 68 diabetic patients, 159
Bacteria, pathogenic, *in vitro*, comparative activity of four tetracycline analogues against, 288
Bacterial infections of animals transmissible to man, 347
Bailey, R. E., and Roberts, K. E., Increased aldosterone excretion during chronic sodium deprivation in 2 male subjects, 338
Baker, W. J., *see* Davis, G. M., *et al.*, 273
Balances, mineral and nitrogen, of burned patients, effect on: growth hormone, 17
Barbour, B., *see* Maronde, R. F., *et al.*, 154
Barrera, F., Dominguez, J. C., Changsut, R. L., Regalado, G. G., Arias, L., and Faura, J., Cardiovascular-respiratory effects of new xanthine derivative in chronic pulmonary emphysema and in mitral stenosis, 487
Batchelor, T. M., and Mosher, R. E., Urinary sodium retention after ACTH stimulation: screening test for adrenal cortical insufficiency, 175
Bean, W. B., *see* Franklin, M., *et al.*, 301
Beerman, H., *see* Pastras, T., 503
Beisel, W. R., *see* Joy, R. J. T., 601
Belanger, I. R., *see* Kissin, B., *et al.*, 690
Bellet, S., *see* deLeon, A. C., Jr., *et al.*, 144
  see Kershbaum, A., *et al.*, 89
Bello, C. T., *see* Papacostas, C. A., *et al.*, 745
Benzothiadiazine diuretics, flumethiazide and chlorothiazide, comparative effects on urinary electrolyte excretion following two, 165

Index

A

Absorption, distribution, excretion and use of new long-acting sulfonamide (sulfadimethoxine) in children and in adults, 92
Acidosis, respiratory, treatment of, with THAM, 341
  and hyperventilation, use of THAM to prevent, while breathing carbon dioxide, 728
ACTH stimulation, urinary sodium retention after: screening test for adrenal cortical insufficiency, 175
Adrenal cortical insufficiency, screening test for: urinary sodium retention after ACTH stimulation, 175
  insufficiency, steroid-induced, aggravated by severe medical illness, 261
Aged, malignant disease in, 554
Alcoholic subjects, acute effect of ethanol ingestion on plasma and urinary 17-hydroxycorticoids in, 690
Aldosterone excretion, increased, during chronic sodium deprivation in 2 male subjects, 338
Aldosteronism, primary, 324
Alexander, J. S., *see* Ibarra, J. D., Jr., *et al.*, 140
Allergic and pulmonary manifestations of cystic fibrosis of pancreas, 430
Anabolism, dependence of, on level of intake: growth hormone, 27
Anemia, sickle cell, renal manifestations of, 773
Angina pectoris, are the xanthines effective in, 187
  evaluation of nitrites in, 478
  treatment of, with new prolonged action pentaerythritol tetranitrate, 194
Animals, bacterial infections of, transmissible to man, 347
Anorexic compound, methamphetamine-phenobarbital, in obese outpatients, 533
Antibiotics *in vitro*, susceptibility of *Hemophilus influenzae* to, 33
  and sulfadiazine, susceptibility of gonococci to, 41
Antiemetic, specific, controlled study of trimethobenzamide (Tigan), 682
Antihistaminics, comparison of three new, with parabromdylamine maleate, 439
Antihypertensive action of chlorothiazide, 601
  drug, new: Darenthin, 609
Antrum, gastric, 231
Aortic strip pressor assay, potentiation and stabilization of, by plasma and hydrocortisone: routine use in diagnosis of pheochromocytoma, 167
Apical myocardial infarction in necropsied patients, spatial vectorcardiogram and ventricular gradient in, 462
Apocrine sweat gland, physiology of, 780
Arias, L., *see* Barrera, F., *et al.*, 487
Arterial pulse recording in peripheral vascular disease, 469
Arthritis, rheumatoid, and gout, vibratory sense and oscillometric index in, 295
Assay, aortic strip pressor, potentiation and stabilization of, by plasma and hydrocortisone: routine use in diagnosis of pheochromocytoma, 167
  single determination, of thromboplastin generation as test of liver function, 706
Atrial fibrillation, chronic, quinidine in, 181

B

Babbott, F. L., Jr., *see* Ingalls, T. H., *et al.*, 363
Bacilluria, asymptomatic, in 68 diabetic patients, 159
Bacteria, pathogenic, *in vitro*, comparative activity of four tetracycline analogues against, 288
Bacterial infections of animals transmissible to man, 347
Bailey, R. E., and Roberts, K. E., Increased aldosterone excretion during chronic sodium deprivation in 2 male subjects, 338
Baker, W. J., *see* Davis, G. M., *et al.*, 273
Balances, mineral and nitrogen, of burned patients, effect on: growth hormone, 17
Barbour, B., *see* Maronde, R. F., *et al.*, 154
Barrera, F., Dominguez, J. C., Changsut, R. L., Regalado, G. G., Arias, L., and Faura, J., Cardiovascular-respiratory effects of new xanthine derivative in chronic pulmonary emphysema and in mitral stenosis, 487
Batchelor, T. M., and Mosher, R. E., Urinary sodium retention after ACTH stimulation: screening test for adrenal cortical insufficiency, 175
Bean, W. B., *see* Franklin, M., *et al.*, 301
Beerman, H., *see* Pastras, T., 503
Beisel, W. R., *see* Joy, R. J. T., 601
Belanger, I. R., *see* Kissin, B., *et al.*, 690
Bellet, S., *see* deLeon, A. C., Jr., *et al.*, 144
  see Kershbaum, A., *et al.*, 89
Bello, C. T., *see* Papacostas, C. A., *et al.*, 745
Benzothiadiazine diuretics, flumethiazide and chlorothiazide, comparative effects on urinary electrolyte excretion following two, 165

Beutler, E., Larsh, S., and Tanzi F., Iron enzymes in iron deficiency: oxygen consumption measurement in iron-deficient subjects, 759
Bile, gallbladder, composition of, in pregnant woman at term: gallstones and pregnancy, 713
Biopsies of liver, needle, significance of fatty and fibrous tissue in, 445
Bites, rattlesnake, in Southern California, 1
Block, bundle branch, heart sounds in intermittent left and right, 83
Blood, influence of erythrocytes on coagulation of, 51
Blough, H. A., Hall, W. H., and Hong, L., Serum levels and clinical results with erythromycin propionate, 539
Bodi, T., Levy, H. A., Nodine, J. H., and Moyer, J. H., Hypnotic effect of new propanediol dicarbamate W 583, 207
Bond, W. H., *see* Jermain, L. F., *et al.* 612
Brenes, L., *see* Papacostas, C. A., *et al.*, 745
Brinkman, G. L., Use of THAM to prevent hyperventilation and acidosis while breathing carbon dioxide, 728
Remp, D. G., Coates, E. O., Jr., and Priest, E. McC., Treatment of respiratory acidosis with THAM, 341
Bross, I. D. J., *see* Gold, H., *et al.*, 665
Bundle branch block, heart sounds in intermittent left and right, 83
Burch, G. E., *see* DePasquale, N. P., 462
Burned patients, effect on mineral and nitrogen balances of: growth hormone, 17
Buzzi, A., Arterial pulse recording in peripheral vascular disease, 469

C

Cancer, lung, in Cincinnati, motor exhaust gases and, 316
Capper, R. S., and Moser, R. H., Steroid-induced adrenal insufficiency aggravated by severe medical illness, 261
Carbon dioxide, use of THAM to prevent hyperventilation and acidosis while breathing, 728
Cardiac and respiratory death in Los Angeles smogs, 307
Cardiovascular-respiratory effects of new xanthine derivative in chronic pulmonary emphysema and in mitral stenosis, 487
Cerebral peripheral circulatory action of nylidrin hydrochloride, 594
Ceruloplasmin, serotonin degradation by, and its inhibition by isonazid and iproniazid, 203
Changsut, R. L., *see* Barrera, F., *et al.*, 487
Channick, B. J., *see* Cortes, F., *et al.*, 324
Chapman, J. A., Johnson, T. H., Jr., and Karl, M. M., Clinical application of van den Bergh reaction in jaundice, 11
Children and adults, prevention of recurrent rheumatic fever in, with oral and repository penicillin, 403
Chlorothiazide and flumethiazide, two benzothiadiazine diuretics, comparative effects on urinary electrolyte excretion following, 165
antihypertensive action of, 601
Choline salicylate, clinical use of, 273
Circulatory action, cerebral peripheral, of nylidrin hydrochloride, 594
Cirrhosis and hepatitis, management of pathophysiological disorders in, 642
Clarke, N. E., Jr., *see* Clarke, N. E., Sr., *et al.*, 732
Clarke, N. E., Sr., Clarke, N. E., Jr., and Mosher, R. E., Treatment of occlusive vascular disease with disodium ethylene diamine tetraacetic acid (EDTA), 732
Cleft palate, cortisone-induced, and fetal absorption in mice, activity of growth hormone in suppression of, 578
Coagulation of blood, influence of erythrocytes on, 51
Coates, E. O., Jr., *see* Brinkman, G. L., *et al.*, 341
Congestive failure, rapid quantitative method for comparison of diuretic agents in bed-patients with, 665
Congo red test, intravenous, 61
Conn, J. W., *see* Seltzer, H. S., *et al.*, 213
Contraction, muscle, in hypothyroidism, effect of parenteral vitamin B_{12} on, 77
Coronary disease, clinical and serum lipid concentration, variations in, 133
Cortes, F., Shuman, C. R., and Channick, B. J., Primary aldosteronism, 324
see Soloff, L. A., *et al.*, 83
Cortical, adrenal, insufficiency, screening test for: urinary sodium retention after ACTH stimulation, 175
Cortisone-induced cleft palate and fetal absorption in mice, activity of growth hormone in suppression of, 578
Cyanocobalamin deficiency with myeloproliferative states, association of, 750
Cystic fibrosis of pancreas, pulmonary and allergic manifestations of, 430

D

Daeschner, C. W., *see* Sakuma, T., *et al.*, 92
Danoswki, T. S., Moses, C., Jr., and Margolis, H. M., Vibratory sense and oscillometric index in gout and in rheumatoid arthritis, 295
see Heineman, A. A., Jr., 167

Darenthin: new anti-hypertensive drug, 609
Davis, G. M., Moore, P. T., Siemsen, J. K., Sode, J., and Baker, W. J., Clinical use of choline salicylate, 273
Davis, R. E., *see* Harer, W. B., Jr., 766
Deaths, respiratory and cardiac, in Los Angeles smogs, 307
Deficiency, cyanocobalamin, with myeloproliferative states, association of, 750
de Lalla, O., *see* Strisower, B., *et al.*, 71
deLeon, A. C., Jr., Dreifus, L. S., and Bellet, S., Urinary osmolar concentration: means of evaluating early renal function changes in essential hypertension, 144
see Kershbaum, A., *et al.*, 89
DePasquale, N. P., and Burch, G. E., Spatial vectorcardiogram and ventricular gradient in apical myocardial infarction in necropsied patients, 462
Diabetes, perspectives in treatment of, 397
mellitus, roentgenographic manifestations of, 622
Diabetic patients, asymptomatic bacilluria in, 159
Disodium ethylene diamine tetraacetic acid (EDTA), treatment of occlusive vascular disease with, 732
Distribution, absorption, excretion and use of new long-acting sulfonamide (sulfadimethoxine) in children and in adults, 92
Diuretic agents in bed-patients with congestive failure, rapid quantitative method for comparison of, 665
Diuretics, benzothiadiazine, flumethiazide and chlorothiazide, comparative effects on urinary electrolyte excretion following two, 165
effect of, upon serum protein bound iodine and thyroidal uptake of radioactive iodine, 571
Dobson, R. L., Correlation of structure and function in human eccrine sweat gland, 779
Dominguez, J. C., *see* Barrera, F., *et al.*, 487
Donner, M. W., and McAfee, J. G., Roentgenographic manifestations of diabetes mellitus, 622
Dreifus, L. S. *see* deLeon, A. C., Jr., *et al.*, 144
Duncan, G. G., Perspective in treatment of diabetes, 397
Dunsmore, L. D., *see* Dunsmore, R. A., *et al.*, 148
Dunsmore, R. A., Dunsmore, L. D., and Elias, M., Use of syrosingopine (SU-3118) and hydralazine in ambulatory hypertensive patients, 148

E

Eccrine sweat gland, correlation of structure and function in human, 779
EDTA (disodium ethylene diamine tetraacetic acid), treatment of occlusive vascular disease with, 732
Eisenberg, G. M., *see* Flippin, H. F., 278
Electrocardiographic signs of pericarditis in typhoid fever, 492
Electronic methods, study of fetal problems with, 766
Eliakim, M., Electrocardiographic signs of pericarditis in typhoid fever, 492
Elias, E., and Lesnick, G. J., Malignant disease in aged, 554
Elias, M., *see* Dunsmore, R. A., *et al.*, 148
Embick, J., *see* Franklin, M., *et al.*, 301
Emphysema, chronic pulmonary, and in mitral stenosis, cardiovascular-respiratory effects of new xanthine derivative in, 487
Environmental stimuli, activity of sweat glands under inuflence of various, 779
Enzymes, iron, in iron deficiency: oxygen consumption measurements in iron-deficient subjects, 759
Epidemiology and teratology of rubella, 363
Erythrocytes, influence of, on coagulation of blood, 51
Erythromycin propionate, new form of, effect of food on absorption of, 198
serum levels and clinical results with, 539
Ethanol ingestion on plasma and urinary 17-hydroxycorticoids in alcoholic subjects, acute effect of, 690
Excretion, absorption, distribution and use of new long-acting sulfonamide (sulfadimethoxine) in children and in adults, 92
urinary electrolyte, comparative effects on, following two benzothiadiazine diuretics, flumethiazide and chlorothiazide, 165

F

Fabricant, N. D., Sexual functions and nose, 498
Fachnie, H. D., *see* Large, A. M., *et al.*, 713
Faura, J., *see* Barrera, F., *et al.*, 487
Feinberg, L. J., *see* Kershbaum, A., *et al.*, 89
Feldman, H. A., *see* Mou, T. W., *et al.*, 403
Fetal absorption in mice, activity of growth hormone in suppression of cortisone-induced cleft palate and, 578
problems with electronic methods, study of, 766
Fibrillation, chronic atrial, quinidine in, 181
Fibrosis, cystic, of pancreas, pulmonary and allergic manifestations of, 430
Finland, M., *see* Hirsch, H. A., *et al.*, 33, 41, 198, 288

Fisher, A. M., Van Metre, T. E., Jr., and Winkenwerder, W. L., Pulmonary and allergic manifestations of cystic fibrosis of pancreas, 430
Fisher, E. R., *see* Hartsock, R. J., 445
Flippin, H. F., and Eisenberg, G. M., Current problems in salmonellosis, 278
Flumethiazide and chlorothiazide, two benzothiadiazine diuretics, comparative effects on urinary electrolyte excretion following, 165
Food, effect of, on absorption of new form of erythromycin propionate, 198
Ford, R. V., Comparative effects on urinary electrolyte excretion following two benzothiadiazine diuretics, flumethiazide and chlorothiazide, 165
Forster, J. M. R., *see* Fraser, P. K., *et al.*, 320
Franklin, M., Bean, W. B., Schedl, H., and Embick, J., 17-Ketosteroids in liver disease, 301
Fraser, P. K., Hatch, L. A., Le Clercq, L. G. H., and Forster, J. M. R., Influenza-like illness in naval personnel, 320
Frasher, W., *see* Maronde, R. F., *et al.*, 154
Freeman, I., and Wexler, J., Quinidine in chronic atrial fibrillation, 181
Fructose, intravenous, amelioration of human hypoglycemic symptoms by, 213

G

Gallbladder bile, composition of, in pregnant woman at term: gallstones and pregnancy, 713
Gallstones and pregnancy: composition of gallbladder bile in pregnant woman at term, 713
Galvin, J., Schizophrenias, 125
Gases, motor exhaust, and lung cancer in Cincinnati, 316
Gastric antrum, 231
Gland, apocrine sweat, physiology of, 780
eccrine sweat, correlation of structure and function in human, 779
Glands, activity of sweat, under influence of various environmental stimuli, 779
Glew, W. B., Pathogenesis of papilledema in intracranial disease, 221
Glycosuria, renal, morphological aspects of, 721
Goessel, E. A., *see* Gold, H., *et al.*, 665
Gofman, J. W., *see* Strisower, B., *et al.*, 71
Gold, H., Kwit, N. T., Golfinos, A. J., Bross, I. D. J., Greiner, T. H., Messeloff, C. R., Kramer, M., Goessel, E. A., Zahm, W., and Warshaw, L., Rapid quantitative method for comparison of diuretic agents in bed-patients with congestive failure, 665
Goldberg, M., Incidence of hypothyroidism in more than one member of family, 562
Golfinos, A. J., *see* Gold, H., *et al.*, 665
Gonococci, susceptibility of, to antibiotics and sulfadiazine, 41
Gordon, J. E., *see* Ingalls, T. H., *et al.*, 363
Gout and in rheumatoid arthritis, vibratory sense and oscillometric index in, 295
Greiner, T. H., *see* Gold H,, *et al.*, 665
Grignon, C. E., *see* Lanthier, A., *et al.*, 585
Groover, M. E., Jr., Jernigan, J. A., and Martin, C. D., Variations in serum lipid concentration and clinical coronary disease, 133
Growth hormone, activity of, in suppression of cortisone-induced cleft palate and fetal absorption in mice, 578
V. effect on mineral and nitrogen balances of burned patients, 17
VI. Dependence of anabolism on level of intake, 27
Gump, F. E., Schwartz, M. S., and Prudden, J. F., Growth hormone: VI. dependence of anabolism on level of intake, 27
Gynecodermatologic diseases, 503

H

Hall, W. H., *see* Blough, H. A., *et al.*, 539
Hampson, K. W., *see* Ingalls, T. H., *et al.*, 363
Harer, W. B., Jr., and Davis, R. E., Study of fetal problems with electronic methods, 766
Hartenstein, H., *see* Mou, T. W., *et al.*, 403
Hartsock, R. J., and Fisher, E. R., Significance of fatty and fibrous tissue in needle biopsies of liver, 445
Hatch, L. A., *see* Fraser, P. K., *et al.*, 320
Heart sounds in intermittent left and right bundle branch block, 83
Heineman, A. C., Jr., and Danowski, T. S., Potentiation and stabilization of aortic strip pressor assay by plasma and hydrocortisone: routine use in diagnosis of pheochromocytoma, 167
Hemophilus influenzae to 21 antibiotics *in vitro*, susceptibility of, 33
Hepatitis and cirrhosis, management of pathophysiological disorders in, 642
Hickey, M. E., *see* Quick, A. J., 51
Hirsch, H. A., Finland, M., and Wilcox, C., Susceptibility of *Hemophilus influenzae* to 21 antibiotics *in vitro*, 33
Finland, M., and Wilcox, C., Susceptibility of gonococci to antibiotics and sulfadiazine, 41

Hirsch, H. A., Finland, M., and Wilcox, C., Comparative activity of four tetracycline analogues against pathogenic bacteria *in vitro*, 288
Pryles, C. V., and Finland, M., Effect of food on absorption of new form of erythromycin propionate, 198
Hong, L., *see* Blough, H. A., *et al.*, 539
Hormone, growth, activity of, in suppression of cortisone-induced cleft palate and fetal absorption in mice, 578
growth: V. effect on mineral and nitrogen balances of burned patients, 17
growth: VI. dependence of anabolism on level of intake, 27
Horvath, S. M., Activity of sweat glands under influence of various environmental stimuli, 779
Hurler's disease, reticuloendothelial system in, 612
Hurley, H. J., Physiology of apocrine sweat gland, 780
Hydralazine and syrosingopine (SU-3118), use of, in ambulatory, hypertensive patients, 148
Hydrocortisone and plasma, potentiation and stabilization of aortic strip pressor assay by: routine use in diagnosis of pheochromocytoma, 167
17-Hydroxycorticoids, urinary, and plasma in alcoholic subjects, acute effect of ethanol ingestion on, 690
17-Hydroxycorticosteroid, plasma, levels in normotensive and hypertensive subjects and influence of posture, 745
Hyman, C., *see* Winsor, T., *et al.*, 594
Hyperlipoproteinemia of xanthoma tendinosum, effect of desiccated thyroid on, 71
Hypertension, essential, means of evaluating early renal function changes in; urinary osmolar concentration, 144
Hypertensive and normotensive subjects and influence of posture, plasma 17-hydroxycorticosteroid levels in, 745
patients, ambulatory, use of syrosingopine (SU-3118) and hydralazine in, 148
Hyperthecosis, syndrome of polycystic ovaries and, 585
Hyperuricemia, pyrazinamide-induced, on serum lipids, effect of, 89
Hyperventilation and acidosis, use of THAM to prevent, while breathing carbon dioxide, 728
Hypnotic effect of new propanediol dicarbamate W 583, 207
Hypoglycemic symptoms by intravenous fructose, amelioration of human, 213
Hypothyroidism, effect of parenteral vitamin B_{12} on muscle contraction in, 77
incidence of, in more than one member of family, 562

I

Ibarra, J. D., Jr., Thompson, J. Q., Alexander, J. S., and Petrany, Z., Radioiodine tracer tests in evaluation of thyroid function: results of 6-hour and 24-hour uptake determinations, 140
Incidence of hypothyroidism in more than one member of family, 562
Infarction, apical myocardial, in necropsied patients, spatial vectorcardiogram and ventricular gradient in, 462
Infections, bacterial, of animals transmissible to man, 347
streptococcal, in rheumatic patients, sulfadimethoxine in prevention of, 548
Influenzae, Hemophilus, susceptibility of, to 21 antibiotics *in vitro*, 33
Influenza-like illness in naval personnel, 320
Ingalls, T. H., Babbott, F. L., Jr., Hampson, K. W., and Gordon, J. E., Rubella: its epidemiology and teratology, 363
Intake, level of, dependence of anabolism on: growth hormone, 27
Intracranial disease, pathogenesis of papilledema in, 221
Inversine (intravenous mecamylamine) as means of determining effective oral dosage, 154
Iodide-induced myxedema, 417
Iodine, radioactive, thyroidal uptake of, effect of diuretics upon serum protein bound iodine and, 571
serum protein bound, and thyroidal uptake of radioactive iodine, effect of diuretics upon, 571
Iproniazid and isoniazid, serotonin degradation by ceruloplasmin and its inhibition by, 203
Iron deficiency, iron enzymes in: oxygen consumption measurements in iron-deficient subjects, 759
deficient subjects, oxygen consumption measurements in: iron enzymes in iron deficiency, 759
enzymes in iron deficiency: oxygen consumption measurements in iron-deficient subjects, 759
Isoniazid and iproniazid, serotonin degradation by ceruloplasmin and its inhibition by, 203
Iunes, M., *see* Seltzer, H. S., *et al.*, 213

J

Jaundice, clinical application of van den Bergh reaction in, 11
Jeffrey, M. R., Waning joint, 104
Jermain, L. F., Rohn, R. J., and Bond, W. H., Reticuloendothelial system in Hurler's disease, 612

Jernigan, J. A., *see* Groover, M. E., Jr., *et al.*, 133
Johnson, T. H., Jr., *see* Chapman, J. A., *et al.*, 11
Johnston, C. G., *see* Large, A. M., *et al.*, 713
Joint, waning, 104
Joy, R. J. T., and Beisel, W. R., Antihypertensive action of chlorothiazide, 601

K

Kalas, J. P., *see* Zarafonetis, C. J. D., 203
Karl, M. M., *see* Chapman, J. A., *et al.*, 11
Katsuki, T., *see* Large, A. M., *et al.*, 713
Keitel, H. G., *see* Schlitt, L. E., 773
Kershbaum, A., Feinberg, L. J., deLeon, A. C., and Bellet, S., Effect of pyrazinamide-induced hyperuricemia on serum lipids, 89
17-Ketosteroids in liver disease, 301
Kissin, B., Schenker, V., Schenker, A. C., Belanger, I. R., Stucker, M., and Woerner, R., Acute effect of ethanol ingestion on plasma and urinary 17-hydroxycorticoids in alcoholic subjects, 690
Knapp, F. M., *see* Winsor, T., *et al.*, 594
Kolodny, A. L., Controlled study of trimethobenzamide (Tigan), specific antiemetic, 682
Kramer, M., *see* Gold, H., *et al.*, 665
Kulinski, E. J., *see* Seltzer, H. S., *et al.*, 213
Kwit, N. T., *see* Gold, H., *et al.*, 665

L

Lanthier, A., Lauze, S., and Grignon, C. E., Syndrome of polycystic ovaries and hyperthecosis, 585
Large, A. M., Johnston, C. G., Katsuki, T., and Fachnie, H. L., Gallstones and pregnancy: composition of gallbladder bile in pregnant woman at term, 713
Larsh, S., *see* Beutler, E., *et al.*, 759
Lattimer, A., Simon, A. J., and Lepper, M. H., Sulfadimethoxine in prevention of streptococcal infections in rheumatic patients, 548
Lauze, S., *see* Lanthier, A., *et al.*, 585
Lawson, J. D., and Weissbein, A. S., Effect of parenteral vitamin B_{12} on muscle contraction in hypothyroidism, 77
Le Clercq, L. G. H., *see* Fraser, P. K., *et al.*, 320
Leonardi, P., Ruol, A. and Munari, R., Morphological aspects of renal glysocuria, 721
Lepper, M. H., *see* Lattimer, A., *et al.*, 548
Lesnick, G. J., *see* Elias, E., 554
Levy, H. A., *see* Bodi, T., *et al.*, 207
Lipid, serum, concentration and clinical coronary disease, variations in, 133
Lipids, serum, effect of pyrazinamide-induced hyperuricemia on, 89
Liver, needle biopsies of, significance of fatty and fibrous tissue in, 445
disease, 17-ketosteroids in, 301
function, single determination assay of thromboplastin generation as test of, 706
Lung cancer in Cincinnati, motor exhaust gases and, 316

M

MacPherson, L. W., Bacterial infections of animals transmissible to man, 347
Malignant disease in aged, 554
Margolis, H. M., *see* Danowski, T. S., *et al.*, 295
Maronde, R. F., Barbour, B., and Frasher, W., Intravenous mecamylamine (Inversine) as means of determining effective oral dosage, 154
Martin, C. D., *see* Groover, M. E., Jr., *et al.*, 133
McAfee, J. G.,*see* Donner, M. W., 622
Mecamylamine, intravenous (Inversine), as means of determining effective oral dosage, 154
Messeloff, C. R., *see* Gold, H., *et al.*, 665
Methamphetamine-phenobarbital anorexic compound in obese outpatients, 533
Method, rapid quantitative, for comparison of diuretic agents in bed-patients with congestive failure, 665
Miller, J., Comparison of three new antihistaminics with parabromdylamine maleate, 439
Mills, C. A., Respiratory and cardiac deaths in Los Angeles smogs, 307
Motor exhaust gases and lung cancer in Cincinnati, 316
Mineral and nitrogen balances of burned patients, effect on: growth hormone, 17
Mitral stenosis, cardiovascular-respiratory effects of new xanthine derivative in chronic pulmonary emphysema and in, 487
Moore, P. T., *see* Davis, G. M., *et al.*, 273
Morgan, W. K. C., and Mules, J. E., Intravenous Congo red test, 61
Morphological aspects of renal glycosuria, 721
Moser, R. H., *see* Capper, R. S., 261
Moses, C., Jr., *see* Danowski, T. S., *et al.*, 295
Mosher, R. E., *see* Batchelor, T. M., 175
see Clarke, N. E., Sr., *et al.*, 732
Motor exhaust gases and lung cancer in Cincinnati, 316
Mou, T. W., Feldman, H. A., and Hartenstein, H., Prevention of recurrent rheumatic fever in children and adults with oral and repository penicillin, 403

Moyer, J. H., *see* Bodi, T., *et al.*, 207
Mules, J. E., *see* Morgan, W. K. C., 61
Munari, R., *see* Leonardi, P., *et al.*, 721
Muscle contraction in hypothyroidism, effect of parenteral vitamin B_{12} on, 77
Myeloproliferative states, association of cyanocobalamin deficiency with, 750
Myocardial infarction, apical, in necropsied patients, spatial vectorcardiogram and ventricular gradient in, 462
Myxedema, iodide-induced, 417

N

Needle biopsies of liver, significance of fatty and fibrous tissue in, 445
Nishihara, G., Schwartz, M. S., and Prudden, J. F., Activity of growth hormone in suppression of cortisone-induced cleft palate and fetal absorption in mice, 578
Nitrites in angina pectoris, evaluation of, 478
Nitrogen and mineral balances of burned patients, effect on: growth hormone, 17
Nodine, J. H., *see* Bodi, T., *et al.*, 207
Normotensive and hypertensive subjects and influence of posture, plasma 17-hydroxycorticosteroid levels in, 745
Nose and sexual functions, 498
Numeroff, M., *see* Schteingart, D. E., *et al.*, 571
Nylidrin hydrochloride, cerebral peripheral circulatory action of, 594

O

Obese outpatients, methamphetamine-phenobarbital anorexic compound in, 533
Ohler, E. A., *see* Papacostas, C. A., *et al.*, 745
Oscillometric index and vibratory sense in gout and in rheumatoid arthritis, 295
Osmolar concentration, urinary: means of evaluating early renal function changes in essential hypertension, 144
Ovaries, polycystic, and hyperthecosis, syndrome of, 585
Oxygen consumption measurements in iron-deficient subjects: iron enzymes in iron deficiency, 759

P

Palate, cortisone-induced cleft, and fetal absorption in mice, activity of growth hormone in suppression of, 578
Pancreas, cystic fibrosis of, pulmonary and allergic manifestations of, 430
Papacostas, C. A., Sevy, R. W., Ohler, E. A., Bello, C. T., and Brenes, L., Plasma 17-hydroxycorticosteroid levels in normotensive and hypertensive subjects and influence of posture, 745
Papilledema in intracranial disease, pathogenesis of, 221
Parabromdylamine maleate, comparison of three new antihistaminics with, 439
Pastras, T., and Beerman, H., Gynecodermatologic diseases, 503
Pathogenesis of papilledema in intracranial disease, 221
Pathogenic bacteria *in vitro*, comparative activity of four tetracycline analogues against, 288
Pathophysiological disorders, management of, in cirrhosis and hepatitis, 642
Pearson, E., Soroff, H. S., Prudden, J. F., and Schwartz, M. S., Studies on growth hormone: effect on mineral and nitrogen balances of burned patients, 17
Penicillin, oral and repository, prevention of recurrent rheumatic fever in children and adults with, 403
Pentaerythritol tetranitrate, treatment of angina pectoris with new prolonged action, 194
Pericarditis in typhoid fever, electrocardiographic signs of, 492
Peripheral circulatory action, cerebral, of nylidrin hydrochloride, 594
vascular disease, arterial pulse recording in, 469
Perlmutter, M., *see* Schteingart, D. E., *et al.*, 571
Peskin, G. W., and Thompson, J. C., Gastric antrum, 231
Petrany, Z., *see* Ibarra, J. D., Jr., *et al.*, 140
Phenobarbital-methamphetamine anorexic compound in obese outpatients, 533
Pheochromocytoma, diagnosis of, potentiation and stabilization of aortic strip pressor assay by plasma and hydrocortisone, routine use in, 167
Physiology of apocrine sweat gland, 780
proceedings of The Physiological Society of Philadelphia, 779
Plasma and hydrocortisone, potentiation and stabilization of aortic strip pressor assay by: routine use in diagnosis of pheochromocytoma, 167
17-hydroxycorticosteroid levels in normotensive and hypertensive subjects and influence of posture, 745
and urinary 17-hydroxycorticoids in alcoholic subjects, acute effect of ethanol ingestion on, 690
Plotz, M., Treatment of angina pectoris with new prolonged action pentaerythritol tetranitrate. 194
Polycystic ovaries and hyperthecosis, syndrome of, 585
Posture, influence of, plasma 17-hydroxycorticosteroid levels in normotensive and hypertensive subjects and, 745
Pregnancy and gallstones: composition of gallbladder bile in pregnant woman at term, 713

Pregnant woman at term, composition of gallbladder bile in: gallstones and pregnancy, 713
Prevention of recurrent rheumatic fever in children and adults with oral and repository penicillin, 403
of streptococcal infections in rheumatic patients, sulfadimethoxine in, 548
Priest, E. McC., *see* Brinkman, G. L., *et al.*, 341
Propanediol dicarbamate W 583, hypnotic effect of new, 207
Protein bound iodine, serum, and thyroidal uptake of radioactive iodine, effect of diuretics upon, 571
Prudden, J. F., *see* Gump, F. E., *et al.*, 27
see Nishihara, G., *et al.*, 578
see Pearson, E., *et al.*, 17
Pryles, C. V., *see* Hirsch, H. A., *et al.* 198
Pseudo-pseudohypoparathyroidism, 453
Pulmonary and allergic manifestations of cystic fibrosis of pancreas, 430
emphysema, chronic, and in mitral stenosis, cardiovascular-respiratory effects of new xanthine derivative in, 487
Pulse recording, arterial, in peripheral vascular disease, 469
Pyrazinamide-induced hyperuricemia on serum lipids, effect of, 89

Q

Quick, A. J., and Hickey, M. E., Influence of erythrocytes on coagulation of blood, 51
Quinidine in chronic atrial fibrillation, 181

R

Rabiner, S. F., Single determination assay of thromboplastin generation as test of renal function, 706
Radioactive iodine, thyroidal uptake of, effect of diuretics upon serum protein bound iodine and, 571
Radioiodine tracer tests in evaluation of thyroid function: results of 6-hour and 24-hour uptake determinations, 140
Rattlesnake bites in Southern California, 1
Reaction, van den Bergh, in jaundice, clinical application of, 11
Regalado, G. G., *see* Barrera, F., *et al.*, 487
Reichman, S., Management of pathophysiological disorders in cirrhosis and hepatitis, 642
Remp, D. G., *see* Brinkman, G. L., *et al.*, 341
Renal function changes in essential hypertension, means of evaluating early: urinary osmolar concentration, 144
glycosuria, morphological aspects of, 721
manifestations of sickle cell anemia, 773
Rengarts, R. T., Asymptomatic bacilluria in 68 diabetic patients, 159
Respiratory acidosis, treatment of, with THAM, 341
and cardiac deaths in Los Angeles smogs, 307
Reticuloendothelial system in Hurler's disease, 612

Reviews (reviewers' initials in parentheses):

Abramson, H. A. (Ed.), Neuropharmacology (M.O.), 394
Adams, W. R., and Veith, I. (Eds.), Pulmonary Circulation (M.O.), 392
Altman, P. L., Gibson, J. F., Jr., and Wang, C. C., Handbook of Respiration (M.O.), 132
American Public Health Association Committee on Child Health, Services for Children with Epilepsy (S.G.), 394
Anfinsen, C. B., Jr., Anson, M. L., Bailey, K., and Edsall, J. T. (Eds.), Advances in Protein Chemistry, Vol. 13 (C.Z.), 528
Baehr, G., and Klemperer, P. (Eds.), Systemic Lupus Erythematosus (C.Z.), 394
Balint, M., Thrills and Regressions (M.B.), 391
Barkins, E., Hospital Happy (R.K.), 390
Barsby, B. E., Treatment of Lung Cavities and Endobronchial Tuberculosis with Special Reference to Treatment in Malaya (R.C.), 385
Beckman, H. (Ed.), The Year Book of Drug Therapy (C.Z.), 390
Bellak, L., Ostow, M., Pumpian-Mindlin, E., Stanton, A. R., and Szasz, T. S., Conceptual and Methodological Problems in Psychoanalysis (M.B.), 391
Berger, E., and Melnick, J. L. (Eds.), Progress in Medical Virology, Vol. 1 (C.Z.), 531
Bleyer, A., Childbearing Before and After 35 (J.W.), 131
Blicke, F. F., and Cox, R. H. (Eds.), Medicinal Chemistry, Vol. IV (R.S.), 783
Bluefarb, S. M., Cutaneous Manifestations of the Malignant Lymphomas (H.B.), 661
Blumenthal, H. T., and Probstein, J. C., Pancreatitis (A.P.), 659
Boies, L. R., Fundamentals of Otolaryngology, 3rd ed. (H.S.), 524
Bonessa, C., and Morpurgo, M., La Chinidina in Terapia (R.S.), 391
Boulanger, P., and Polonovski, J. (Eds.), Traite de Biochimie Generale, Vol. 1, Parts 1 and 2 (J.B.), 259
Brazier, M. A. B. (Eds.), The Central Nervous System and Behavior (C.Z.), 527
British Medical Bulletin, Vol. 15, No. 1, Hematology (C.Z.), 390
British Medical Bulletin, Vol. 15, No. 2, Blood Groups (C.Z.), 394
Bryson, V. (Ed.), Microbiology: Yesterday and Today (E.S.), 385
Burn, J. H., The Principles of Therapeutics (C.Z.), 392
Cereseto, P. L., Quistes Hidatidicos del Nigade Abiertos en Vias Biliares (F.C.), 390
Coates, J. B., Jr., Spurling, R. G., Woodhall, B., and McFetridge, E. M. (Eds.), Surgery in World War II. Neurosurgery, Vol. 1 (M.S.), 130
Cohen, M. B. (Ed.), Advances in Psychiatry (M.B.), 660
Collins, D. H. (Ed.), Modern Trends in Pathology (A.P.), 660
Conel, J. L., The Postnatal Development of the Human Cerebral Cortex. Vol. VI. The Cortex of the Twenty-Four-Month Infant (M.S.), 131

Converse, J. M., and Rogers, B. O., Third Tissue Homotransplantation Conference (A.P.), 389
Cooper, L. F., and Erickson, M. H., Time Distortion in Hypnosis, 2nd ed. (M.B.), 663
Cowan, S. T., and Rowatt, E. (Eds.), The Strategy of Chemotherapy (C.Z.), 658
Cozen, L., Orthopedics, 3rd ed. (A.S.), 662
Crook, E. M. (Ed.), The Structure and Function of Subcellular Components (J.B.), 258
Croxton, F. E., Elementary Statistics with Applications in Medicine and the Biological Sciences (F.R.),, 655
Da Carpi, J. B., A Short Introduction to Anatomy (E.K.), 386
Dameshek, W., and Gunz, F., Leukemia (C.Z.), 656
Deutsch, F. (Ed.), On the Mysterious Leap from the Mind to the Body (M.B.), 526
Dorland's Pocket Medical Dictionary, 20th ed. (R.K.), 390
Dowling, H. F., and Jones, T., That the Patient May Know (W.S.), 384
Dreyfus, C., Some Milestones in the History of Hematology (C.Z.), 257
Dury, A., and Treadwell, C. R., The Influence of Hormones on Lipid Metabolism in Relation to Arteriosclerosis (C.Z.), 393
Ekstein, R., and Wallerstein, R. S., The Teaching and Learning of Psychotherapy (F.H.), 259
Elsasser, W. M., The Physical Foundation of Biology (M.O.), 259
Faber, H. A. (Ed.), Proceedings of Conference on Man Versus Environment (F.R.), 387
Fieser, L. F., and Fieser, M., Steroids (C.Z.), 524
Friedman, A. P., and Merritt, H. H. (Eds.), Headache: Diagnosis and Treatment (I.G.), 524
Fritz-Niggli, H., Strahlenbiologie: Grundlagen und Ergebnisse (W.B.), 785
Frosch, J., and Ross, N. (Eds.), The Annual Survey of Psychoanalysis (M.B.), 389
Galdston, I. (Ed.), Medicine and Anthropology (F.R.), 530
Garb, S., Essentials of Therapeutic Nutrition (C.S.), 260
Gebauer, A., Muntean, E., Stutz, E., and Vieten, H., Das Roentgenschichtbild (W.B.), 786
Gertler, M. M., and Plaut, G. W. E., Metabolic Factors in Cardiac Contractility (M.O.), 392
Goldberger, E., A Primer of Water, Electrolyte and Acid-Base Syndromes (C.S.), 527
Gollan, F., Physiology of Cardiac Surgery (W. W.), 656
Goodrich, F. W., Jr., Maternity: A Guide to Prospective Motherhood (J.W.), 393
Gordon, A. S., and Root, W. S., Hematopoietic Mechanisms (C.Z.), 524
Gottron, H. A., and Schonfeld, W. (Eds.), Dermatologie und Venereologie, Vol. 3, Part 1 (H.B.), 657
Grabar, P., and Miescher, P. (Eds.), Immunopathology (H.W.), 529
Gray, H. (Goss, C. M. [Ed.]), Anatomy of The Human Body, 27th ed. (N.M.), 663
Gurwitsch, A. G., and Gurwitsch, L. D., Die mitogenetische Strahlung (M.S-A.), 387
Gutwirth, S. W., How to Sleep Well (M.B.), 393
Hall, P. F., The Functions of the Endocrine Glands (B.C.), 531
Hammons, H. G. (Ed.), Heredity Counseling (I.W.), 392
Hanraets, P. R. M. J., The Degenerative Back and Its Differential Diagnosis (H.S.), 389
Heinrich, H., Grundriss der Bakteriologie und Serologie fur medizinischtechnische Assistentinnen, 3rd ed. (E.S.), 384
Hilleboe, H. E., and Larimore, G. W. (Eds.), Preventive Medicine (F.R.), 387
Hirschfield, H. I., The Biology of the Amoeba (A.L.), 395
Hoffman, W. S., The Biochemistry of Clinical Medicine, 2nd ed. (C.Z.), 258
Hoobler, S. W., Hypertensive Disease: Diagnosis and Treatment (I.G.), 657
Hook, S. (Ed.), Psychoanalysis: Scientific Method and Philosophy (M.B.), 524
Hugonnier, R., Strabismes: Heterophories Paralysies Oculo-motrices (W.F.), 130
Human Factors, Vol. 1, No. 1, 1958 (W.S.), 390
Hunter, D., Health in Industry (F.R.), 389
Huron, R., and Ruffie, J., Les Methodes en Genetique Generale et en Genetique Humaine (H.W.), 785
International Poliomyelitis Congress, Poliomyelitis (I.W.), 257
Isaacs, A., and Lacey, B. W. (Eds.), Virus Growth and Variation (C.Z.), 529
Jackson, C., and Jackson, C. L. (Eds.), Diseases of the Nose, Throat and Ear, 2nd ed. (L.S.), 661
Jaulmes, C., Jude, A., and des Essarts, J. Q., Pratique du Laboratoire, 2nd ed. (C Z.), 256
Joslin, E. P., Diabetic Manual, 10th ed. (C.S.), 384
Jurgens, J., and Beller, F. K., Klinische Methoden der Blutgerinnungsanalyse (C.Z.), 532
Keiderling, W. (Ed.), Eisenstoffwechsel (W.E.), 523
Kinney, W. A., Medical Science and Space Travel (C.Z.), 393
Knowles, J. H., Respiratory Physiology and Its Clinical Application (R.C.), 783
Kritchevsky, D., Cholesterol (C.Z.), 658
Krompecher, S., Die Grundlagen der Eierschalentherapie (N.B.), 523
Lanman, J. T. (Ed.), Physiology of Prematurity (I.W.), 395
Levine, S. A., and Harvey, W. B., Clinical Auscultation of the Heart, 2nd ed. (J.Z.), 784
Licht, S. (Ed.), Therapeutic Electricity and Ultraviolet Radiation (C.Z.), 532
Lichtenstein, L., Bone Tumors, 2nd ed. (E.A.), 131
Lloyd, C. W. (Ed.), Endocrinology of Reproduction (J.W.), 786
Luck, J. M., Allen, F. W., and Mackinney, G. (Eds.), Annual Review of Biochemistry, 1958 (C.Z.), 255
Martius, H., Lehrbuch der Geburtshilfe, 4th ed. (J.W.), 527
McLaughlin, H. L., Trauma (V.L.), 660
Merritt, H. H., A Textbook of Neurology, 2nd ed. (S.G.), 255
Meschan, I., An Atlas of Normal Radiographic Anatomy, 2nd ed. (H.W.), 660
Meyer, A., and Chretien, J., Les Hemoptysies Tracheo-Bronchiques (J.J.), 132
Moller, K. O., Pharmakologie: Alas Theoretische Grundlage einer rationellen Pharmakotherapie, 3rd ed. (R.S.), 784
Monrad-Krohn, G. H., The Clinical Examination of the Nervous System, 11th ed. (S.G.), 525
Morawitz, P., The Chemistry of Blood Coagulation (C.Z.), 391
Mosonyi, L., Antibiotika und Neurohumorale Regulationen (W.E.), 393
Moss, W. T., Therapeutic Radiology: Rationale, Technique, Results (R.R.), 782
Moulonguet, P., and Baumann, J., Acta de L'Institut D'Anesthesiologie, Vol. 7 (L.K.), 785
Mundnich, K., and Frey, K. W., Das Rontgenschichtbild des Ohres (H.S.), 662

Murphy, D. P., and Abbey, H., Cancer in Families (R.T.), 388
Murphy, W. T., Radiation Therapy (R.R.), 782
Muset, P. P., Psychosomatic Correlation in Its Biochemical Aspect (M.B.), 260
Najjar, V. A. (Ed.), Immunity and Virus Infection (E.S.), 522
Negherbon, W. O., Handbook of Toxicology, Vol. 3. Insecticides (R.S.), 663
Nelson, W. E. (Ed.), Textbook of Pediatrics, 7th ed. (E.B.), 656
Newell, F. W. (Ed.), Glaucoma (L.H.), 525
Osler, W., A Way of Life and other selected writings (F.R.), 526
Osserman, K. E., Myasthenia Gravis (C.Z.), 255
Page, I. H. (Ed.), Connective Tissue, Thrombosis, and Atherosclerosis (T.D.), 656
Paul, J., Cell and Tissue Culture (E.S.), 258
Pincus, G. (Ed.), Hormones and Atherosclerosis (C.Z.), 258
Pitel, M., and Schellig, M., Clinical Coordination of Anatomy and Physiology (R.H.), 787
Policard, A., and Baud, C. A., Les Structures Inframicroscopiques Normales et Pathologiques des Cellules et des Tissus (H.W.), 786
Pollard, M. (Ed.), Perspectives in Virology (C. Z.), 655
Pondoev, G. S., Notes of a Soviet Doctor (S.L.), 388
Portmann, M., and Guillen, G., Radiodiagnostic en Otologie (H.S.), 662
Potts, W. J., The Surgeon and the Child (R.T.), 786
Randall, J. E., Elements of Biophysics (M.O.), 259
Reitzes, D. C., Negroes and Medicine (R.B.), 130
Richardson, E. H., A Doctor Remembers (E.K.), 257
Richterich, R., Enzymopathologie: Enzyme in Klinik und Forschung (S.S.), 523
Riley, G. M., Gynecologic Endocrinology (J.W.), 530
Riley, J. F., The Mast Cells (C.Z.), 523
Rinkel, M., and Himwich, H. E. (Eds.), Insulin Treatment in Psychiatry (M.B.), 393
Robertson, J., Young Children in Hospitals (I. W.), 260
Robinson, H. M., Jr., and Robinson, R. C. V., Clinical Dermatology (H.B.), 529
Rothschuh, K. E., Theorie des Organismus (W. E.), 659
Ryan, R. E., Thornell, W. C., and Leden, H. von, Synopsis of Ear, Nose and Throat Diseases (H.S.), 388
Schenck, M., and Kolb, E., Grundriss de Physiologischen Chemie fur Veterinarmediziner Humanmediziner und Biologen, 3rd ed. (J.B.), 664
Schinz, H. R., Sechzig Jahre Medizinische Radiologie: Probleme und Empirie (W.B.), 784
Schwarzhaupt, W., and Seitscheck, R. (Eds.), Der wissenschaftliche Rahmen der Homoopathie (R.K.), 395
Sindoni, A. M., Jr., The Diabetic's Handbook, 2nd ed. (C.S.), 786
Springer, G. F. (Ed.), Polysaccharides in Biology (C.Z.), 391
Stadtsbaeder, S., L'Auto-immunisation en Pathologie (W.E.), 661
Steer, C. M., Moloy's Evaluation of the Pelvis in Obstetrics, 2nd ed. (J.W.), 528
Stewart, C. P., and Dunlop, D. M., Clinical Chemistry in Practical Medicine, 5th ed. (C. Z.), 256
Strean, L. P., The Birth of Normal Babies (J.W.), 390
Swank, R. L., and Grimsgaard, A., Low-Fat Diet: Reasons, Rules and Recipes (C.S.), 395
Tauber, E. S., and Green, M. R., Prelogical Experience (S.H.), 394
Thannhauser, S. J., Lipidoses: Diseases of the Intracellular Lipid Metabolism, 3rd ed. (C.Z.), 657
Thomas, J. A. (Ed.), Problemes D'Organisation et de Fonctions Chez les Bacteries et les Virus (E.S.), 255
Thorndike, A., A Manual of Bandaging, Strapping and Splinting, 3rd ed. (R.T.), 396
Tiecke, R. W., Stuteville, O. H., and Calandra, J. C., Pathologic Physiology of Oral Disease (H.S.), 657
Tocantins, L. M. (Ed.), Progress in Hematology, Vol. 2 (C.Z.), 525
Tondury, G., Entwicklungsgeschichte und Fehlbildungen der Wirbelsaule (W.P.), 662
Truex, R. C., Strong and Elwyn's Human Neuroanatomy, 4th ed. (M.S.), 522
Tunbridge, R. E., Keech, M., Delafresnaye, J. F., and Wood, G. C., Connective Tissue (C.Z.), 257
Turner, D., Handbook of Diet Therapy, 3rd ed. (C.S.), 385
Tyler, A., von Borstel, R. C., and Metz, C. B. (Eds.), The Beginnings of Embryonic Development (J.H.), 384
United States Atomic Energy Commission, Thyroid Radioiodine Uptake Measurement (R.R.), 386
Vail, D., The Truth About Your Eyes, 2nd ed. (L.H.), 388
Vogler, P., Die Prophylaxe der Schlafstoerung, 2nd ed. (I.K.). 785
Wachtel, C. S., Your Mind Can Make You Sick or Well (M.B.), 393
Waife, S. O., and Shapiro, A. P. (Eds.), The Clinical Evaluation of New Drugs (R.S.), 783
Walker, N., A Short History of Psychotherapy in Theory and Practice (M.B.), 396
Walshe, F., Diseases of the Nervous System, 9th ed. (S.G.), 256
Wartman, W. B. (Ed.), Year Book of Pathology and Clinical Pathology (C.Z.), 522
Weil, P. G., The Plasma Proteins (C.Z.), 394
Welch, H., and Marti-Ibanez, F. (Eds.), Antibiotics Annual, 1958-1959 (C.Z.), 530
Wiggers, C. J., Reminiscences and Adventures in Circulation Research (T.D.), 655
Wolken, J. J., Photoreception (M.O.), 259
Wolstenholme, G. E. W., and O'Connor, C. M. (Eds.), Regulation of Cell Metabolism (C.Z.), 526
Wood, H. C., Jr., Overfed but Undernourished (C.S.), 392
World Health Organization, Medical Education. Annotated Bibliography 1946-1955 (R.K.), 391
Wright, F., The Sedimentation Rate of Human Erythrocytes (C.Z.), 390
Wyburn-Mason, R., The Reticulo-Endothelial System in Growth and Tumor Formation (C.Z.), 658
Yockey, H. P., Platzman, R. L., and Quastler, H. (Eds.), Information Theory in Biology (C.Z.), 531
Young, J. R., An Experimental Inquiry into the Principles of Nutrition and the Digestive Process (S.L.), 782
Zimmermann, A. A., and Becker, S. W., Jr., Melanoblasts and Melanocytes in Fetal Negro Skin (A.P.), 392

Rheumatic patients, sulfadimethoxine in prevention of streptococcal infections in, 548

fever in children and adults, prevention of recurrent, with oral and repository penicillin, 403
Rheumatoid arthritis and gout, vibratory sense and oscillometric index in, 295
Roberts, K. E., *see* Bailey, R. E., 338
Roentgenographic manifestations of diabetes mellitus, 622
Rohn, R. J., *see* Jermain, L. F., *et al.*, 612
Rosenthal, D., *see* Strisower, B., *et al.*, 71
Rubella: its epidemiology and teratology, 363
Rubin, L., *see* Strisower, B., *et al.*, 71
Ruol, A., *see* Leonardi, P., *et al.*, 721
Russek, H. I., Are the xanthines effective in angina pectoris?, 187
Evaluation of nitrites in angina pectoris, 478
Russell, F. E., Rattlesnake bites in Southern California, 1

S

Sakuma, T., Daeschner, C. W., and Yow, E. M., Absorption, distribution, excretion, and use of new long-acting sulfonamide (sulfadimethoxine) in children and in adults, 92
Salmonellosis, current problems in, 278
Schedl, H., *see* Franklin, M., *et al.*, 301
Schenker, A. C., *see* Kissin, B., *et al.*, 690
Schenker, V., *see* Kissin, B., *et al.*, 690
Schizophrenias, 125
Schlitt, L. E., and Keitel, H. G., Renal manifestations of sickle cell anemia, 773
Schteingart, D. E., Perlmutter, M., and Numeroff, M., Effect of diuretics upon serum protein bound iodine and thyroidal uptake of radioactive iodine, 571
Schwartz, M. S., *see* Gump, F. E., *et al.*, 27
see Nishihara, G., *et al.*, 578
see Pearson, E., *et al.*, 17
Seltzer, H. S., Iunes, M., Kulinski, E. J., and Conn, J. W., Amelioration of human hypoglycemic symptoms by intravenous fructose, 213
Serotonin degradation by ceruloplasmin and its inhibition by isoniazid and iproniazid, 203
Serum levels and clinical results with erythromycin propionate, 539
lipid concentration and clinical coronary disease, variations in, 133
lipids, effect of pyrazinamide-induced hyperuricemia on, 89
protein bound iodine and thyroidal uptake of radioactive iodine, effect of diuretics upon, 571
Sevy, R. W., *see* Papacostas, C. A., *et al.*, 745
Sexual functions and nose, 498
Shuman, C. D., *see* Cortes, F., *et al.*, 324
Sickle cell anemia, renal manifestations of, 773
Siemsen, J. K., *see* Davis, G. M., *et al.*, 273
Simkin, B., and Wallace, L., Methamphetamine-phenobarbital anorexic compound in obese outpatients, 533
Simon, A. J., *see* Lattimer, A., *et al.*, 548
Skillman, T. G., *see* Taguchi, J. T., 417
Smogs, respiratory and cardiac deaths in Los Angeles, 307
Sode, J., *see* Davis, G. M., *et al.*, 273
Sodium deprivation in 2 male subjects, increased aldosterone excretion during chronic, 338
retention, urinary, after ACTH stimulation: screening test for adrenal cortical insufficiency, 175
Soloff, L. A., Darenthin: new anti-hypertensive drug, 609
Cortes, F., and Winters, W. L., Jr., Heart sounds in intermittent left and right bundle branch block, 83
Soroff, H. S., *see* Pearson, E., *et al.*, 17
Stenosis, mitral, cardiovascular-respiratory effects of new xanthine derivative in chronic pulmonary emphysema and in, 487
Steroid-induced adrenal insufficiency aggravated by severe medical illness, 261
Stimuli, environmental, activity of sweat glands under influence of various, 779
Streptococcal infections in rheumatic patients, sulfadimethoxine in prevention of, 548
Strisower, B., Gofman, J. W., Rubin, L., Rosenthal, D., and de Lalla, O., Effect of desiccated thyroid on hyperlipoproteinemia of xanthoma tendinosum, 71
Stucker, M., *see* Kissin, B., *et al.*, 690
Sulfadiazine and antibiotics, susceptibility of gonococci to, 41
Sulfadimethoxine, new long-acting sulfonamide, in children and in adults, absorption, excretion and use of, 92
in prevention of streptococcal infections in rheumatic patients, 548
Sulfonamide, new long-acting, sulfadimethoxine), in children and in adults, absorption, distribution, excretion and use of, 92
Susceptibility of *Hemophilus influenzae* to 21 antibiotics *in vitro*, 33
of gonococci to antibiotics and sulfadiazine, 41
Sweat gland, apocrine, physiology of, 780
eccrine, correlation of structure and function in human, 779
Sweat glands, activity of, under influence of various environmental stimuli, 779
Syrosingopine (SU-3118), use of, and hydralazine in ambulatory hypertensive patients, 148

T

Taguchi, J. T., and Skillman, T. G., Iodide-induced myxedema, 417
Tanz, S. S., Pseudo-pseudohypoparathyroidism, 453

Tanzi, F., *see* Beutler, E., *et al.*, 759
Teratology and epidemiology of rubella, 363
Test, intravenous Congo red, 61
of liver function, single determination assay of thromboplastin generation as, 706
screening, for adrenal cortical insufficiency: urinary sodium retention after ACTH stimulation, 175
Tests, radioiodine tracer, in evaluation of thyroid function: results of 6-hour and 24-hour uptake determinations, 140
Tetracycline analogues, comparative activity of four, against pathogenic bacteria *in vitro*, 288
THAM, treatment of respiratory acidosis with, 341
use of, to prevent hyperventilation and acidosis while breathing carbon dioxide, 728
Thompson, J. C., *see* Peskin, G. W., 231
Thompson, J. Q., *see* Ibarra, J. D., Jr., *et al.*, 140
Thromboplastin generation as test of liver function, single determination assay of, 706
Thyroid, effect of desiccated, on hyperlipoproteinemia of xanthoma tendinosum, 71
function, radioiodine tracer tests in evaluation of: results of 6-hour and 24-hour uptake determinations, 140
Thyroidal uptake of radioactive iodine, effect of diuretics upon serum protein bound iodine and, 571
Tigan (trimethobenzamide), controlled study of specific antiemetic, 682
Tissue, fatty and fibrous, in needle biopsies of liver, significance of, 445
Tracer tests, radioiodine, in evaluation of thyroid function: results of 6-hour and 24-hour uptake determinations, 140
Treatment of respiratory acidosis with THAM, 341
Trimethobenzamide (Tigan), controlled study of, specific antiemetic, 682
Trishydroxymethylaminomethane, *see* THAM
Typhoid fever, electrocardiographic signs of pericarditis in, 492

U

Urinary electrolyte excretion, comparative effects on, following two benzothiadiazine diuretics, flumethiazide and chlorothiazide, 165
17-hydroxycorticoids and plasma in alcoholic subjects, acute effect of ethanol ingestion on, 690
osmolar concentration: means of evaluation early renal function changes in essential hypertension, 144
Urinary sodium retention after ACTH stimulation: screening test for adrenal cortical insufficiency, 175
Use, absorption, distribution and excretion of new long-acting sulfonamide (sulfadimethoxine) in children and in adults, 92

V

van den Bergh reaction in jaundice, clinical application of, 11
Van Metre, T. E., Jr., *see* Fisher, A. M., *et al.*, 430
Vascular disease, occlusive, treatment of, with disodium ethylene diamine tetraacetic acid (EDTA), 732
peripheral, arterial pulse recording in, 469
Vectorcardiogram, spatial, and ventricular gradient in apical myocardial infarction in necropsied patients, 462
Ventricular gradient and spatial vectorcardiogram in apical myocardial infarction in necropsies patients, 462
Vibratory sense and oscillometric index in gout and in rheumatoid arthritis, 295
Vitamin B_{12}, effect of parenteral, on muscle contraction in hypothyroidism, 77

W

Wallace, L., *see* Simkin, B., 533
Warshaw, L., *see* Gold, H., *et al.*, 665
Weissbein, A. S., *see* Lawson, J. D. 7,7
Wellington, M. S., and Whitcomb, J. F., Association of cyanocobalamin deficiency with myeloproliferative states, 750
Wexler, J., *see* Freeman, I., 181
Whitcomb, J. F., *see* Wellington, M. S., 750
Wilcox, C., *see* Hirsch, H. A., *et al.*, 33, 41, 288
Winkenwerder, W. L., *see* Fisher, A. M., *et al.*, 430
Winsor, T., Hyman, C., and Knapp, F. M., Cerebral peripheral circulatory action of nylidrin hydrochloride, 594
Winters, W. L., Jr., *see* Soloff, L. A., *et al.*, 83
Woerner, R., *see* Kissin, B., *et al.*, 690

X

Xanthine derivative in chronic pulmonary emphysema and in mitral stenosis, cardiovascular-respiratory effects of new, 487
Xanthines effective in angina pectoris, are the, 187

Xanthoma tendinosum, effect of desiccated thyroid on hyperlipoproteinemia of, 71

Y

Yow, E. M., *see* Sakuma, T., *et al.*, 92

Z

Zahm, W., *see* Gold, H., *et al.*, 665

Zarafonetis, C. J. D., and Kalas, J. P., Serotonin degradation by ceruloplasmin and its inhibition by isoniazid and iproniazid, 203